Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	367	83/687	US-PGPUB; USPAT	OR	ON	2005/05/12 10:33
S2	376	83/687	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/04 18:17
S3	55	"83"/$.ccls. and punch and die and stripp$5 and (green or ceramic or subtrate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/04 18:19
S4	715	"83"/$.ccls. and punch and die and stripp$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/04 18:19
S5	523	"83"/$.ccls. and (punch same die same stripp$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/04 18:50
S6	284	"29"/$.ccls. and (punch same die same stripp$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/04 19:19
S7	460	"72"/$.ccls. and (punch same die same stripp$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/04 19:42
S8	284	"29"/$.ccls. and (punch same die same stripp$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/04 19:49
S9	13	("2341187" \| "2494413" \| "3426635" \| "3682029" \| "3700150" \| "4526076" \| "4628780" \| "4653365" \| "4977804" \| "5042336" \| "5111723" \| "5136907" \| "6682029").PN.	USPAT	OR	ON	2004/08/04 20:23
S10	3	"5448933".URPN.	USPAT	OR	ON	2004/08/04 20:24
S11	16	("2230043" \| "2807323" \| "3211035" \| "3234835" \| "3269238" \| "3485122" \| "3690205" \| "3871254" \| "4104941" \| "4107842" \| "4215608" \| "4235138" \| "4261237" \| "4428262" \| "4784031" \| "5138919").PN.	USPAT	OR	ON	2004/08/04 20:24
S12	1	"5359914".URPN.	USPAT	OR	ON	2004/08/04 20:26

S13	3	("3564959" \| "3570343" \| "4774865").PN.	USPAT	OR	ON	2004/08/04 20:27
S14	7	"4951537".URPN.	USPAT	OR	ON	2004/08/04 20:27
S15	8	("0042228" \| "0376009" \| "1378698" \| "2083476" \| "2250434" \| "2570055" \| "2757457" \| "3862516").PN.	USPAT	OR	ON	2004/08/04 20:28
S16	8	"4428262".URPN.	USPAT	OR	ON	2004/08/04 20:29
S17	3	("3496818" \| "3973454" \| "4166403").PN.	USPAT	OR	ON	2004/08/04 20:30
S18	4	"4246815".URPN.	USPAT	OR	ON	2004/08/04 20:30
S19	4	("2230043" \| "3485122" \| "3690205" \| "4041817").PN.	USPAT	OR	ON	2004/08/04 20:31
S20	2	"4215608".URPN.	USPAT	OR	ON	2004/08/04 20:31
S21	3	("2364401" \| "3086072" \| "3424212").PN.	USPAT	OR	ON	2004/08/04 20:31
S22	8	"4103574".URPN.	USPAT	OR	ON	2004/08/04 20:32
S23	3	("2245676" \| "3267975" \| "3368436").PN.	USPAT	OR	ON	2004/08/04 20:32
S24	16	"4007653".URPN.	USPAT	OR	ON	2004/08/04 20:32
S25	1	"3739461".PN.	USPAT	OR	ON	2004/08/04 20:33
S26	9	"3797342".URPN.	USPAT	OR	ON	2004/08/04 20:33
S27	6	("3124876" \| "4055067" \| "4667394" \| "4667499" \| "4956989" \| "5115663").PN.	USPAT	OR	ON	2004/08/04 20:34
S28	2	"5600992".URPN.	USPAT	OR	ON	2004/08/04 20:35
S29	16	("0521178" \| "1725300" \| "2542912" \| "3258834" \| "3355930" \| "3381514" \| "3596493" \| "3635067" \| "3688549" \| "3694127" \| "3760623" \| "4050283" \| "4111031" \| "4290292" \| "4509353" \| "4672729").PN.	USPAT	OR	ON	2004/08/04 20:35
S30	2	("3211035" \| "2867276").PN.	USPAT	OR	ON	2004/08/04 20:36
S31	4	"3690205".URPN.	USPAT	OR	ON	2004/08/04 20:37
S32	5	"3485122".URPN.	USPAT	OR	ON	2004/08/04 20:37
S33	8	"3269238".URPN.	USPAT	OR	ON	2004/08/04 20:38
S34	4	"2230043".URPN.	USPAT	OR	ON	2004/08/04 20:38
S35	4	("3114280" \| "3958476" \| "4007653" \| "4031787").PN.	USPAT	OR	ON	2004/08/04 20:38
S36	11	"4092888".URPN.	USPAT	OR	ON	2004/08/04 20:39
S37	14	"3211035".URPN.	USPAT	OR	ON	2004/08/04 20:39
S38	1	"2893488".PN.	USPAT	OR	ON	2004/08/04 20:40

S39	10	"3958476".URPN.	USPAT	OR	ON	2004/08/04 20:40
S40	367	83/687	US-PGPUB; USPAT	OR	ON	2004/08/05 09:21
S41	146	83/129	US-PGPUB; USPAT	OR	ON	2004/08/05 10:30
S42	85	83/132	US-PGPUB; USPAT	OR	ON	2004/08/05 10:37
S43	260	83/146	US-PGPUB; USPAT	OR	ON	2004/08/05 10:54
S44	154	83/202	US-PGPUB; USPAT	OR	ON	2004/08/05 10:56
S45	45	83/212.1	US-PGPUB; USPAT	OR	ON	2004/08/05 10:57
S46	126	83/213	US-PGPUB; USPAT	OR	ON	2004/08/05 11:00
S47	118	83/215	US-PGPUB; USPAT	OR	ON	2004/08/05 11:02
S48	122	83/356.2	US-PGPUB; USPAT	OR	ON	2004/08/05 11:07
S49	345	83/356.3	US-PGPUB; USPAT	OR	ON	2004/08/05 11:09
S50	332	83/691	US-PGPUB; USPAT	OR	ON	2004/08/05 11:27
S51	246	83/679	US-PGPUB; USPAT	OR	ON	2004/08/05 11:33
S52	444	83/686	US-PGPUB; USPAT	OR	ON	2004/08/05 11:53
S53	478	83/684	US-PGPUB; USPAT	OR	ON	2004/08/05 11:54
S54	4	"2230043".URPN.	USPAT	OR	ON	2004/08/05 13:32
S55	6	("4246815" \| "4261237" \| "4929276" \| "5176057" \| "5438897" \| "5701790").PN.	USPAT	OR	ON	2004/08/05 13:32
S56	1	"2893488".PN.	USPAT	OR	ON	2004/08/05 13:33
S57	10	"3958476".URPN.	USPAT	OR	ON	2004/08/05 13:33
S58	10	"3958476".URPN.	USPAT	OR	ON	2004/08/05 13:34
S59	0	"20030221535".URPN.	USPAT	OR	ON	2004/08/05 13:35
S60	0	"20030221535".URPN.	USPAT	OR	ON	2004/08/05 13:35
S61	12	("4261237" \| "4446767" \| "5056392" \| "5081891" \| "5127293" \| "5176057" \| "5271303" \| "5301580" \| "5438897" \| "5553523" \| "5701790" \| "5839341").PN.	USPAT	OR	ON	2004/08/05 13:35
S62	0	"6311594".URPN.	USPAT	OR	ON	2004/08/05 13:36

S63	0	"6311594".URPN.	USPAT	OR	ON	2004/08/05 13:36
S64	3	("2568152" \| "3355340" \| "5458717").PN.	USPAT	OR	ON	2004/08/05 13:36
S65	1	"6063228".URPN.	USPAT	OR	ON	2004/08/05 13:36
S66	1	"3059304".URPN.	USPAT	OR	ON	2004/08/05 13:36
S67	11	("0770239" \| "2087186" \| "2172272" \| "2580366" \| "3272051" \| "3496818" \| "3742804" \| "3763732" \| "4372183" \| "4487566" \| "4558616").PN.	USPAT	OR	ON	2004/08/05 13:38
S68	4	"5133237".URPN.	USPAT	OR	ON	2004/08/05 13:38
S69	16	("2230043" \| "2807323" \| "3211035" \| "3234835" \| "3269238" \| "3485122" \| "3690205" \| "3871254" \| "4104941" \| "4107842" \| "4215608" \| "4235138" \| "4261237" \| "4428262" \| "4784031" \| "5138919").PN.	USPAT	OR	ON	2004/08/05 13:39
S70	1	"5359914".URPN.	USPAT	OR	ON	2004/08/05 13:40
S71	11	("2494018" \| "2576295" \| "2647580" \| "2707028" \| "3035470" \| "3124027" \| "3524368" \| "3620113" \| "3710666" \| "3728919" \| "3747142").PN.	USPAT	OR	ON	2004/08/05 13:41
S72	28	"4425829".URPN.	USPAT	OR	ON	2004/08/05 13:41
S73	28	"4425829".URPN.	USPAT	OR	ON	2004/08/05 13:42
S74	3	("3496818" \| "3973454" \| "4166403").PN.	USPAT	OR	ON	2004/08/05 13:43
S75	4	"4246815".URPN.	USPAT	OR	ON	2004/08/05 13:43
S76	183	"83"/$.ccls. and (stroke same length same punch)	US-PGPUB; USPAT	OR	ON	2004/08/05 14:57
S77	367	83/687	US-PGPUB; USPAT	OR	ON	2004/08/05 18:47
S78	19	83/687	US-PGPUB	OR	ON	2004/08/05 18:47
S79	28	"4872381"	US-PGPUB; USPAT	OR	ON	2004/08/06 09:34
S80	12	"3958476"	US-PGPUB; USPAT	OR	ON	2004/08/06 10:36
S81	4	("3114280" \| "3958476" \| "4007653" \| "4031787").PN.	USPAT	OR	ON	2004/08/06 10:36
S82	11	"4092888".URPN.	USPAT	OR	ON	2004/08/06 10:36
S83	16	wilson.inv. and "83"/$.ccls. and punch	US-PGPUB; USPAT	OR	ON	2004/08/06 10:37

S84	10	"4985995"	US-PGPUB; USPAT	OR	ON	2004/08/06 13:56
S85	0	"10775387"	US-PGPUB; USPAT	OR	ON	2004/08/06 13:57
S86	4	("3496818" \| "3973454" \| "4166403").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/19 12:49
S87	4	("4246815").URPN.	USPAT	OR	ON	2005/01/19 12:50
S88	19	("2494018" \| "2576295" \| "2647580" \| "2707028" \| "3035470" \| "3124027" \| "3524368" \| "3620113" \| "3710666" \| "3728919" \| "3747142").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/19 12:51
S89	36	"4425829"	US-PGPUB; USPAT	OR	ON	2005/01/19 14:53
S90	236	83/687.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 15:29
S91	93	83/129.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 15:31
S92	54	83/132.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 15:36
S93	179	83/146.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 15:54
S94	9	("2230043" \| "3101984" \| "4215608" \| "5213376" \| "5359914" \| "5466017" \| "5833277").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/19 15:36
S95	0	("6647845").URPN.	USPAT	OR	ON	2005/01/19 15:37
S96	99	83/202.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 15:56
S97	25	83/212.1.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 15:57
S98	78	83/213.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 15:58
S99	179	83/146.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 15:58
S100	84	83/215.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 15:59
S101	77	83/356.2.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 16:00
S102	202	83/356.3.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 16:01
S103	174	83/691.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 16:02

S104	165	83/679.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 16:04
S105	247	83/686.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 16:11
S106	226	83/684.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 16:11
S107	11	("3104804" \| "3524368" \| "3580120" \| "3602080" \| "3710666" \| "3800643" \| "4425829" \| "4821614" \| "4872381").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 15:40
S108	2	"6516696"	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 15:41
S109	5	"5907985"	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 15:42
S110	8	"5816093"	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 15:42
S111	4	"6481323"	US-PGPUB; USPAT	OR	ON	2005/05/12 10:34
S112	4	"6481323"	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 10:37
S113	24	"3477317"	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 10:37
S114	22	("3477317").URPN.	USPAT	OR	ON	2005/05/12 10:39
S115	13	("0178937" \| "0683363" \| "1387553" \| "1447987" \| "2420905" \| "2491035" \| "3720125").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 10:45
S116	1	("4078462").URPN.	USPAT	OR	ON	2005/05/12 11:15
S117	0	"106481323"	USPAT	OR	ON	2005/05/12 11:16
S118	3	"6481323"	USPAT	OR	ON	2005/05/12 11:16
S119	22	("3477317").URPN.	USPAT	OR	ON	2005/05/12 11:55
S120	18	("0791548" \| "1958941" \| "2355344" \| "2539887" \| "2580366" \| "2852056" \| "3137193" \| "3149524" \| "3379083").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 11:58

S12 1	8	("3641860").URPN.	USPAT	OR	ON	2005/05/12 12:00
S12 2	4	("2867276" \| "3211035").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 12:00
S12 3	7	("3124876" \| "4055067" \| "4667394" \| "4667499" \| "4956989" \| "5115663").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 12:07
S12 4	2	("5600992").URPN.	USPAT	OR	ON	2005/05/12 12:08
S12 5	7	("3124876" \| "4055067" \| "4667394" \| "4667499" \| "4956989" \| "5115663").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 12:46
S12 6	2	("5600992").URPN.	USPAT	OR	ON	2005/05/12 12:46
S12 7	21	("3066554" \| "3477317" \| "3750502" \| "3930248" \| "3979980" \| "4023044" \| "4088899" \| "4199727" \| "4347786" \| "4813320" \| "5251151" \| "5256010" \| "5410233" \| "5586041" \| "5673601" \| "5726568" \| "5905352" \| "5913956" \| "5934165").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 12:47
S12 8	0	("6305258").URPN.	USPAT	OR	ON	2005/05/12 12:49
S12 9	9	("0235353" \| "1690523" \| "2308953" \| "3146749" \| "4098108").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 12:52
S13 0	4	("4956989").URPN.	USPAT	OR	ON	2005/05/12 12:56
S13 1	667	"83"/$.ccls. and (punch same shaft)	USPAT	OR	ON	2005/05/12 12:57
S13 2	733	"83"/$.ccls. and (punch same shaft)	US-PGPUB; USPAT	OR	ON	2005/05/12 13:41
S13 3	19	("1138804" \| "2509956" \| "2597559" \| "2730103" \| "3486400" \| "3709083" \| "3841185" \| "3878412" \| "4821614" \| "4872381" \| "5024127" \| "5079983" \| "5090284" \| "5113736").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 13:12
S13 4	9	("5233895").URPN.	USPAT	OR	ON	2005/05/12 13:14
S13 5	1654	"83"/$.ccls. and (punch same shaft)	USOCR	OR	ON	2005/05/12 13:42
S13 6	411	"83"/$.ccls. and (punch near5 shaft)	USOCR	OR	ON	2005/05/12 14:00

S137	29	"76"/$.ccls. and (punch near10 shaft)	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 14:03
S138	496	"29"/$.ccls. and (punch near10 shaft)	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 14:03
S139	4	("3379083").URPN.	USPAT	OR	ON	2005/05/13 09:25
S140	4	("3379083").URPN.	USPAT	OR	ON	2005/05/13 09:27
S141	9	("2230043" \| "3101984" \| "4215608" \| "5213376" \| "5359914" \| "5466017" \| "5833277").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/13 09:43
S142	0	("6647845").URPN.	USPAT	OR	ON	2005/05/13 14:34
S143	243	83/687.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:37
S144	93	83/129.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:39
S145	54	83/132.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:39
S146	180	83/146.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:41
S147	101	83/202.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:41
S148	26	83/212.1.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:42
S149	79	83/213.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:43
S150	84	83/215.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:44
S151	167	83/679.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:45
S152	250	83/686.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:46
S153	233	83/684.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:46
S154	251	83/687.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/20 12:48
S155	116	83/687.ccls. and (punch same die)	US-PGPUB; USPAT	OR	ON	2005/10/20 12:52
S156	8	83/129.ccls. and (punch same die)	US-PGPUB; USPAT	OR	ON	2005/10/20 12:56
S157	10	83/132.ccls. and (punch same die)	US-PGPUB; USPAT	OR	ON	2005/10/20 12:57

S158	35	83/146.ccls. and (punch same die)	US-PGPUB; USPAT	OR	ON	2005/10/20 12:58
S159	6	83/202.ccls. and (punch same die)	US-PGPUB; USPAT	OR	ON	2005/10/20 12:59
S160	0	83/212.1.ccls. and (punch same die)	US-PGPUB; USPAT	OR	ON	2005/10/20 12:59
S161	26	83/212.1.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/20 12:59
S162	79	83/213.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/20 13:02
S163	84	83/215.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/20 13:03
S164	169	83/679.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/20 13:06
S165	254	83/686.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/20 13:10
S166	246	83/684.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/20 13:22
S167	401	83/563.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/20 13:22
S168	81	83/563.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:25
S169	90	83/549.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:27
S170	166	83/687.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:31
S171	82	83/691.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:35
S172	144	83/552.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:44
S173	244	83/698.91.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:50
S174	0	2348115-119.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:51
S175	80	234/115-119.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:52
S176	14	234/98.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:53
S177	7	234/105.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:53
S178	10	234/111.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:54
S179	293	234/115-119.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/20 13:54
S180	2	"6516696"	US-PGPUB; USPAT	OR	ON	2005/10/24 13:45